

Application No. 09/637,764

28. (Amended) A rock bit comprising:
a body;
at least one cutting cone rotatably mounted to an end of the body, wherein the cone includes a gage surface at a heel portion of the cone; and
a number of teeth on the cone, the teeth including a plurality of inner row teeth and a plurality of gage row teeth located near a heel of each cone, wherein the teeth include a hardfacing comprising,
steel, and
filler in the range of from 50 to 80 percent by weight, the filler comprising in the range of from 10 to 100 percent by weight spherical cast tungsten carbide particles having a particle size between about 16 mesh to less than 40 mesh.

Sub D8
32. (Amended) A rock bit comprising:
a body;
at least one cutting cone rotatably mounted to an end of the body, wherein the cone includes a gage surface at a heel portion of the cone; and
a number of teeth on the cone, the teeth including a plurality of inner row teeth and a plurality of gage row teeth located near a heel of each cone, wherein the teeth include a hardfacing comprising,
steel, and
filler in the range of from 50 to 80 percent by weight, the filler comprising in the range of from 10 to 100 percent by weight spherical cast tungsten carbide particles having a particle size between greater than 80 mesh and 200 mesh.

Sub D8
40. (New) A rock bit as recited in claim 28 wherein the filler comprises in the range of from 19 to 100 percent by weight spherical cast tungsten carbide.

41. (New) A rock bit as recited in claim 32 wherein the filler comprises in the range of from 19 to 100 percent by weight spherical cast tungsten carbide.